



Atomic 3000 LED

The Atomic™ 3000 LED is the perfect blend of a traditional strobe and cutting-edge LED technology. Capitalizing on the original Atomic™ 3000 DMX's 15 years of success, this new version features identical functionality and behaviour – with the added benefits of LED technology. It offers the same extreme brightness as its iconic predecessor, but with substantially lower peak power consumption.

The Atomic 3000 LED is not only a strobe, but also a creative tool that incorporates backlight illumination with RGB-controlled LEDs pointing into the reflector. It delivers stunning eye candy looks similar to the MAC Aura™ and the MAC Quantum™ Wash.

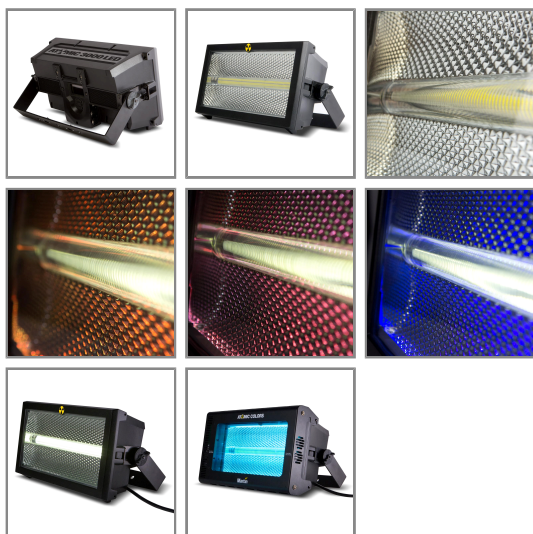
Internal FX macros and simplified re-use of the original Atomic Colors scroller complete the full-feature package and empower the Atomic 3000 LED to become the ultimate creative lighting tool.

Brightest LED-based strobe on the market

Unique RGB-controlled Aura backlight for stunning eye candy looks

Same look and feel as the original Atomic 3000 DMX

GALLERY



FEATURES

- Classic reflector look
- Iconic letterbox shape and industrial design
- Aura backlight (RGB) into reflector
- Dimmable house-light function at reduced brightness and power consumption
- LED and Xenon mode available via menu and DMX control channel
- Use of original Atomic color scroller made easy via internal power and data supply
- 4 button menu and LCD display for quick and easy setting adjustment
- Clever rigging and bracket solution
- 4 Channel DMX mode as Atomic 3000 (easy replacement)
- 14 Channel Extended DMX mode incl. Aura control and internal FX macros
- RDM compatible, USB port for software updates

TECHNICAL SPECIFICATIONS

Physical

Length: 245 mm (9.7 in.)

Width: 425 mm (16.8 in.)

Height: 240 mm (9.5 in.)

Weight: 7.5 kg (16.6 lbs.)

All data including mounting bracket

Dynamic Effects

Strobe: 0.289 - 16.667 Hz, variable flash rate, intensity and duration

Special effects: Blinder, ramp up/down, random flash, lightning, spikes, pre-programmed FX

Aura (secondary LED array illumination) color mixing: RGB

Control and Programming

Control systems: DMX, RDM

DMX channels: 3/4/14

Setting and addressing: Control panel with backlit monochrome graphic display

DMX compliance: USITT DMX512-A

RDM compliance: ANSI/ESTA E1.20 RDM
Transceiver: RS-485
Firmware update: USB memory key or via DMX with Martin™ M-DMX interface

Optics and Photometric Data

Light source: White LEDs, color temperature 5600 K (Beam), RGB LEDs (Aura)
LED refresh rate: TBA
Minimum LED lifetime: TBA
Total luminous output: TBA
Video compatibility: Designed for use with HD/high-speed video cameras
**Manufacturer's figure obtained under manufacturer's test conditions*

Construction

Color: Black
Housing: Steel, high-impact thermoplastic, flame-retardant to UL 94 5VA
Protection rating: IP 20

Installation

Mounting points: Two pairs of quarter-turn fastener points, M12 holes in adjustable bracket
Orientation: Any
Minimum distance to combustible materials: 500 mm (20 in.) from fixture
Minimum distance to illuminated surfaces: 1 m (3 ft. 4 in.) from fixture
Location: Indoor use only, must be fastened to structure or surface

Connections

AC power: Neutrik PowerCON TRUE1 male socket
DMX data in/out: 5-pin locking XLR
Atomic Colors color gel scroller: 4-pin locking XLR
Software upload: USB 2.0

Electrical

AC power: 100-240 V~ nominal, 50/60 Hz
Power supply unit: Auto-ranging electronic switch mode
Rated current consumption: 3.5 - 6.9 A
Peak current consumption: 13 - 26 A
Typical half-cycle RMS inrush current: 17.7 A

Thermal

Cooling: Forced air (temperature-regulated, low noise, user-definable fan settings)
Maximum ambient temperature (Ta max.): 40° C (104° F)

Approvals

EU safety: EN 60598-2-17 (EN 60598-1), EN 62471, EN 62493
EU EMC: EN 55103-1, EN 55103-2, EN 55015, EN 61547
US safety (pending): UL 1573
Canadian safety (pending): CSA E598-2-17 (CSA E60598-1)
Australia/NZ: C-TICK N4241

Accessories

Atomic Colors gel scroller: P/N 91611086

Power cables

Power input cable, 14 AWG, SJT, 1.5 mm², H05VV-F, with PowerCON TRUE1 NAC3FX-W, 3 m (9.8 ft.): P/N 11541513

Power connectors

Cable connector, power input, female, PowerCON TRUE1 NAC3FX-W: P/N 05323416

Installation hardware

Half-coupler clamp: P/N 91602005
G-clamp (vertical hanging installation only): P/N 91602003
Quick trigger clamp (vertical hanging installation only): P/N 91602007
Safety wire, safe working load 50 kg: P/N 91604003

Related Items

LightJockey™ and M-PC™ Package incl. Martin M-DMX Interface Box, USB cable and Martin One-Key™ dongle: P/N 90737060

Data link splitter-amplifiers

Martin DMX 5.3 Splitter™: P/N 90758140
Martin RDM 5.5 Splitter™: P/N 90758150

Ordering Information

Atomic 3000 LED™ in cardboard box: P/N 90425000

